

REMARKS

Claim 1 has been amended to incorporate subject matter from Claim 2 and to recite a crosslinking agent selected from the group consisting of a styrene monomer, methyl methacrylate and triallylisocyanurate. Support for amended Claim 1 can be found at, for example, paragraph [0021] of the published specification. Claim 2 has been canceled. Upon entry of this Amendment, which is respectfully requested, Claims 1 and 3-9 will be pending.

Response to the Objection to the Oath or Declaration

The Declaration has been objected to as being defective because it does not identify the citizenship of each inventor.

Applicants submit herewith a new Declaration providing the citizenship of each inventor. Withdrawal of the objection is respectfully requested.

Response to the Claim Rejection Under § 112

Claim 2 is rejected under 35 U.S.C. § 112, first paragraph, as failing to comply with the written description requirement.

Without commenting on the correctness of the rejection, Claim 1 has been amended to incorporate subject matter from Claim 2 and to recite a crosslinking agent selected from the group consisting of a styrene monomer, methyl methacrylate and triallylisocyanurate. Thus, Claim 1 meets the requirements of § 112, first paragraph. Accordingly, withdrawal of the rejection is respectfully requested.

Response to Claim Rejections Under § 102 and § 103

Claims 1 and 4-9 are rejected under 35 U.S.C. 35 U.S.C. § 102(e) as being anticipated by U.S. Patent Application Publication No. 2004/0085772 to Daichou et al.

Claim 2 is rejected under 35 U.S.C. § 103(a) as being unpatentable over Daichou in view of Alger (Polymer Science Dictionary).

Claim 3 is rejected under 35 U.S.C. § 103(a) as being unpatentable over Daichou in view of Wada.

Applicants respectfully traverse.

The low specific gravity unsaturated polyester resin composition of present Claim 1 is characterized by using two crosslinking agents: (A) diallylphthalate monomer or diallylphthalate prepolymer, and (B) a crosslinking agent selected from the group consisting of a styrene monomer, methyl methacrylate and triallylisocyanurate; wherein the ratio by weight of (A) to (B) lies in a range of 5:95 to 25:75. Given this make-up, the coating properties of the polyester resin composition are improved. *See*, paragraph [0022] of the published specification.

Daichou, the Polymer Science Dictionary and Wada fail to disclose or suggest the above feature of the present Claim 1. In particular, the Polymer Science Dictionary states that the monomer (such as diallylphthalate) is used to replace styrene in the crosslinking of unsaturated polyester resin to give products with greater heat resistance. Thus, even if a person of ordinary skill in the art were to use a diallylphthalate polymer, it would be used in place of styrene, not in combination with styrene (or one of the other (B) crosslinking agents), as presently claimed.

In addition, Daichou, the Polymer Science Dictionary and Wada fail to recognize the relationship between the use of the two crosslinking agents having a specific weight ratio and the effect (improved coating properties) arising therefrom. Thus, a person of ordinary skill in the art would not conceive of using two crosslinking agents having specific weight ratio, in order to improve coating properties of the composition, as presently claimed.

Accordingly, Daichou, the Polymer Science Dictionary and Wada fail to anticipate or render obvious the present claims. Withdrawal of the rejections is respectfully requested.

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,

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